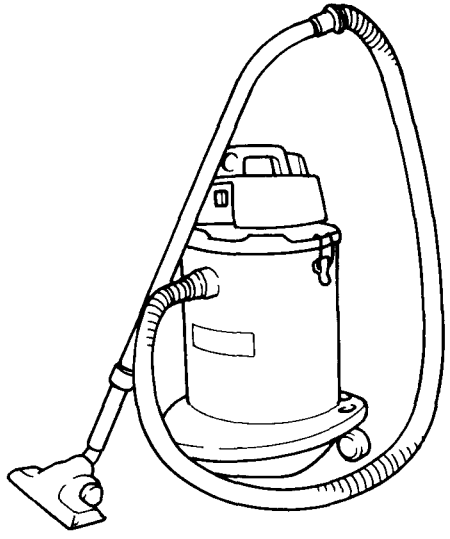
アメリカ

Vacuum Cleaner

MODEL 406
(Dry type)

INSTRUCTION MANUAL



DOUBLE INSULATION

SPECIFICATIONS

Peak air flow	Sealed sunction	Recoverable capacity	Dimensions (L x W x H)	Net weight
3.0 m^3/min. (106 cu.ft./min.)	2,100 mm (83'') of water	32 ℓ (8.3 gal.)	478 mm x 422 mm x 699 mm (18-7/8'' x 16-5/8'' x 27-1/2'')	10.3 kg (22.7 lbs)

- Manufacturer reserves the right to change specifications without notice.
- Note: Specifications may differ from country to country.

WARNING: For your personal safety, READ and UNDERSTAND before using.

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE.

IMPORTANT SAFETY INSTRUCTIONS

When using an electrical appliance, basic precautions should always be followed, including the following:

READ ALL INSTRUCTIONS BEFORE USING THIS APPLIANCE

WARNING – To reduce the risk of fire, electric shock, or injury:

1. Do not leave appliance when plugged in. Unplug from outlet when not in use and before servicing.
2. Do not use on wet surfaces. Do not expose rain. Store indoors.
3. Do not allow to be used as a toy. Close attention is necessary when used by or near children.
4. Use only as described in this manual. Use only manufacturer's recommended attachments.
5. Do not use with damaged cord or plug. If appliance is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to a service center.
6. Do not pull or carry by cord, use cord as a handle, close a door on cord, or pull cord around sharp edges or corners. Do not run appliance over cord. Keep cord away from heated surfaces.
7. Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
8. Do not handle plug or appliance with wet hands.
9. Do not put any object into openings. Do not use with any opening blocked; keep free of dust, lint, hair, and anything that may reduce air flow.
10. Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
11. Do not pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
12. Do not use without filters in place. Replace a damaged filter immediately.
13. Turn off all controls before unplugging.
14. Use extra care when cleaning on stairs.
15. Do not use to pick up flammable or combustible liquids such as gasoline or use in areas where they may be present.

16. AVOID UNINTENTIONAL STARTING. Be sure switch is OFF when plugging in.
17. OUTDOOR USE EXTENSION CORDS. When tool is used outdoors, use only extension cords intended for use outdoors and so marked.
18. GUARD AGAINST ELECTRIC SHOCK. Prevent body contact with grounded surfaces. For example; pipes, radiators, ranges, refrigerator enclosures.
19. This appliance is provided with double insulation. Use only identical replacement parts. See instructions for Servicing of Double-Insulated Appliances.
20. POLARIZED PLUGS. To reduce the risk of electric shock, this equipment has a polarized plug (one blade is wider than the other). This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install the proper outlet. Do not change the plug in any way.

SERVICING OF DOUBLE-INSULATED APPLIANCES

In a double-insulated appliance, two systems of insulation are provided instead of grounding. No grounding means is provided on a double-insulated appliance, nor should a means for grounding be added to the appliance. Servicing a double-insulated appliance requires extreme care and knowledge of the system, and should be done only by qualified service personnel. Replacement parts for a double-insulated appliance must be identical to the parts they replace. A double-insulated appliance is marked with the words "DOUBLE INSULATION" or "DOUBLE INSULATED." The symbol (square within a square) may also be marked on the appliance.

VOLTAGE WARNING: Before connecting the tool to a power source (receptacle, outlet, etc.) be sure the voltage supplied is the same as that specified on the nameplate of the tool. A power source with voltage greater than that specified for the tool can result in SERIOUS INJURY to the user — as well as damage to the tool. If in doubt, DO NOT PLUG IN THE TOOL. Using a power source with voltage less than the nameplate rating is harmful to the motor.

ADDITIONAL SAFETY RULES

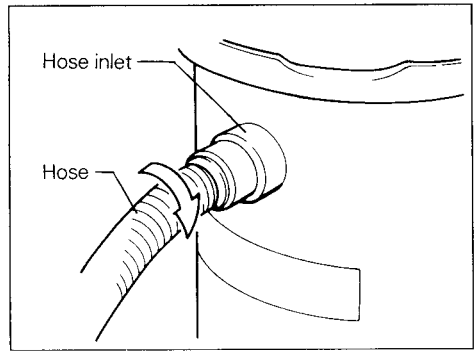
1. This is a dry type cleaner. Do not attempt to pick up liquids, sharp materials such as razors, needles, broken glass or the like.
2. Do not use close to heat sources (stoves, etc.).
3. Do not fold, tug nor step on the hose.
4. Clean and service the cleaner immediately after each use to keep it in tiptop operating condition.
5. Be kind to your cleaner. Rough handling can cause breakage of even the most sturdily built cleaner.
6. Do not attempt to clean the exterior or interior with benzine, thinner or cleaning chemicals. Cracks and discoloration may be caused.

SAVE THESE INSTRUCTIONS.

This cleaner is intended for commercial use.

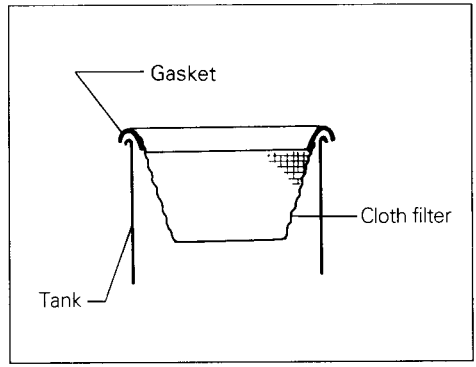
Installing hose

Insert the hose into the hose inlet and turn clockwise until fully secured.



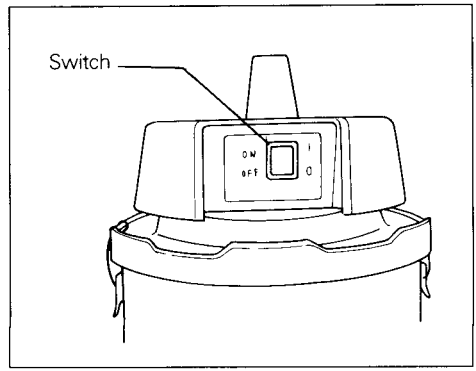
Installing cloth filter

Install the cloth filter on the tank. Always be sure that there is no gap between the gasket on the cloth filter and the tank after installing.



Switch action

To start the cleaner, press the "ON" side of the switch. To stop, press the "OFF" side of the switch.

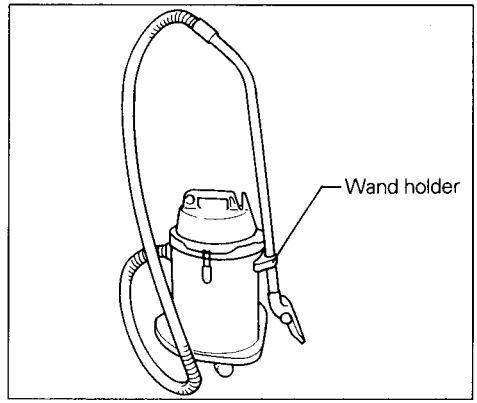


CAUTION:

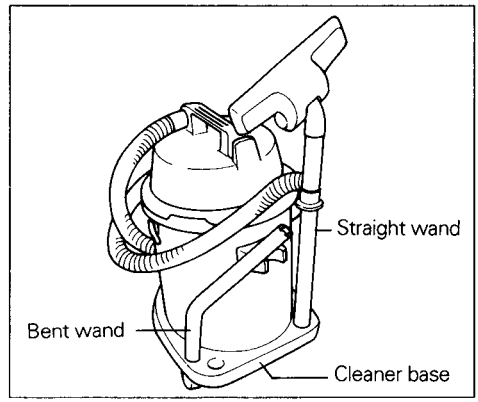
- Do not operate the cleaner for a long time with intake hole blocked. Deformation of the cleaner may thus result from overheating.
- Do not use the cleaner close to heat sources (stoves, etc.).
  Air discharged from the cleaner may fan the flame, and the cleaner may be deformed.

Storage of accessories

A wand holder (pipe holder) is equipped on the side of the cleaner to keep the straight/bent wand (pipe) out of the way during vacuuming breaks.



Both the straight wand (straight pipe) and bent wand (bent pipe) can be stored after use just by inserting them in the holes in the cleaner base.



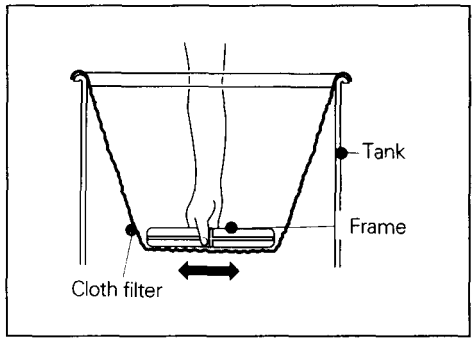
MAINTENANCE

CAUTION:
Always be sure that the tool is switched off and unplugged before attempting to perform inspection or maintenance.

Cleaning

Clogged filters cause poor suction performance. Clean out the filters from time to time.

To remove dust or particles adhering to the cloth filter, shake the frame bottom quickly several times.
Moreover, occasionally wash the cloth filter in soapy water, rinse and dry thoroughly in the shade before use. Never wash filters in a washing machine.



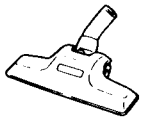
To maintain product SAFETY and RELIABILITY, repairs, carbon brush inspection and replacement, any other maintenance or adjustment should be performed by Makita Authorized or Factory Service Centers, always using Makita replacement parts.

ACCESSORIES

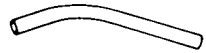
CAUTION:

These accessories or attachments are recommended for use with your Makita tool specified in this manual. The use of any other accessories or attachments might present a risk of injury to persons. The accessories or attachments should be used only in the proper and intended manner.

•Nozzle assembly
Part No. 122512-4

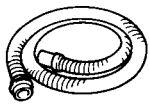


•Bending pipe
Part No. 192562-3

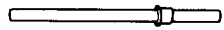


•Hose

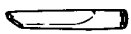
Inner dia. 19 mm (3/4")
Part No. 192108-5 (2.5 m: 8 ft.)
Inner dia. 28 mm (1-1/8")
Part No. 192278-0 (1.5 m: 4.8 ft.)
Part No. 192279-8 (3 m: 9.6 ft.)
Inner dia. 36 m (1-13/32")
Part No. 192564-9 (2.5 m:8 ft.)



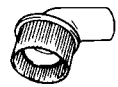
•Straight pipe
Part No. 192563-1



•Corner nozzle
Part No. 410306-2

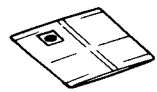


•Round brush
Part No. 191657-9

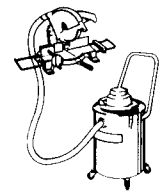
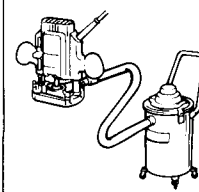


•Nozzle assembly A
Part No. 122334-2

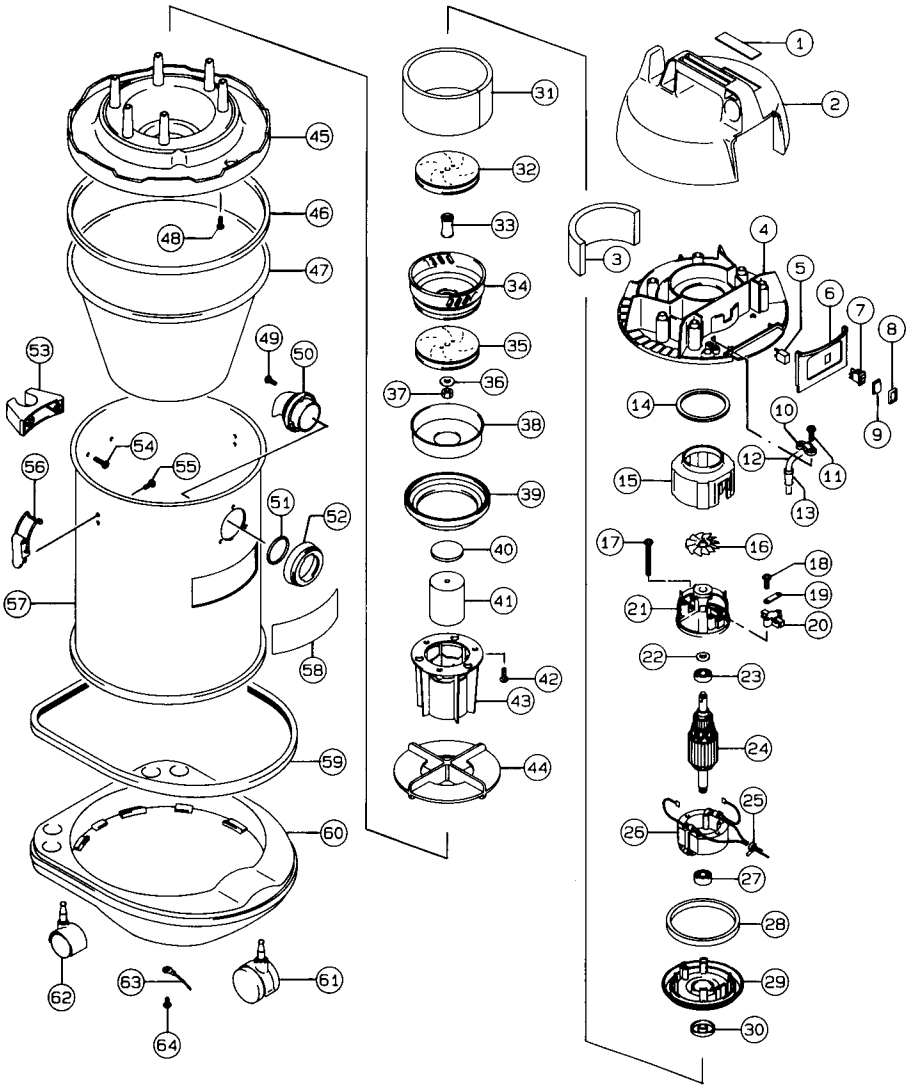
•Paper filter
Part No. 192573-8



The following joints are available for use with some type Makita planers, belt sanders, miter saws, routers, etc.

Joint name & configuration	Applicable model	
 Elbow joint 32 Ass'y Part No. JPA 122273	• Concrete Planer PC1100 • Belt Sanders 9401, 9402	
 Joint 40 Ass'y Part No. JPA 122274	• Miter Saws 2400B, LS1400	
 Nozzle 51-1 Part No. 191569-6 + Joint 55 Ass'y Part No. JPA 122275 Nozzle Part No. JPA 122276 + Joint 55 Ass'y Part No. JPA 122275	• Planers 1900B, N1900B, 1901	
 Nozzle 70-4 Ass'y Part No. JPA 122279 + Joint 70 Part No. 181575-9	1805B	
 Dust nozzle Part No. 192035-6	• Routers 3600B, 3600BR, 3608B, 3612BR, 3612BRA, 3612C, 3620	

VACUUM CLEANER
Model 406



Note: The switch, noise suppressor and other part configurations may differ from country to country.

ITEM NO.	NO. USED	DESCRIPTION
MACHINE		
1	1	Name Plate
2	1	Cowling
3	1	Block Filter
4	1	Separator
6	1	Switch Base
7	1	Switch
8	1	Dust Cover Cap
9	1	Dust Cover
10	1	Strain Relief
11	2	Tapping Screw 4x18
12	1	Cord
13	1	Cord Guard
14	1	Seal Ring 70
15	1	Motor Cover
16	1	Fan 62
17	2	Tapping Screw Bind CT 5x60
18	4	Tapping Screw Bind CT 4x12
19	2	Plate
20	2	Carbon Brush
21	1	End Bell
22	1	Wave Washer 20
23	1	Ball Bearing 629DDW
24	1	ARMATURE ASSEMBLY (With Item 23 & 27)
25	1	Band
26	1	Field
27	1	Ball Bearing 6200DDW
28	1	Cussion Ring 118
29	1	Base
30	1	Flange
31	1	Band Damper
32	1	Fan 125
33	1	Spacer
MACHINE		
34	1	Return Base
35	1	Fan 125
36	1	Flat Washer 10
37	1	Hex. Nut M8
38	1	Fan Cover
39	1	Support Ring
40	1	Guard
41	1	Float
42	3	Tapping Screw 4x18
43	1	Float Cage
44	1	Frame
45	1	Tank Cover
46	1	Rubber Ring 352
47	1	Cloth Filter
48	6	Tapping Screw Flange PT 4x30
49	3	Tapping Screw 4x18
50	1	Holder
51	1	O Ring 56
52	1	Inlet
53	1	Pipe Holder
54	2	Tapping Screw Flange 4x25
55	4	Pan Head Screw M4x8
56	2	Hook
57	1	Tank
58	1	Makita Label
59	1	Rubber Ring 370
60	1	Caster Base
61	1	Caster 75
62	2	Caster 50
63	1	Earth Line 120
64	1	Pan Head Screw M4x6

Note: The switch and other part specifications may differ from country to country.

アメリカ

MAKITA LIMITED ONE YEAR WARRANTY

Warranty Policy

Every Makita tool is thoroughly inspected and tested before leaving the factory. It is warranted to be free of defects from workmanship and materials for the period of ONE YEAR from the date of original purchase. Should any trouble develop during this one-year period, return the COMPLETE tool, freight prepaid, to one of Makita's Factory or Authorized Service Centers. If inspection shows the trouble is caused by defective workmanship or material, Makita will repair (or at our option, replace) without charge.

This Warranty does not apply where:

- repairs have been made or attempted by others:
- repairs are required because of normal wear and tear:
- The tool has been abused, misused or improperly maintained;
- alterations have been made to the tool.

IN NO EVENT SHALL MAKITA BE LIABLE FOR ANY INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES FROM THE SALE OR USE OF THE PRODUCT. THIS DISCLAIMER APPLIES BOTH DURING AND AFTER THE TERM OF THIS WARRANTY.

MAKITA DISCLAIMS LIABILITY FOR ANY IMPLIED WARRANTIES, INCLUDING IMPLIED WARRANTIES OF "MERCHANTABILITY" AND "FITNESS FOR A SPECIFIC PURPOSE," AFTER THE ONE-YEAR TERM OF THIS WARRANTY.

This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. Some states do not allow limitation on how long an implied warranty lasts, so the above limitation may not apply to you.

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